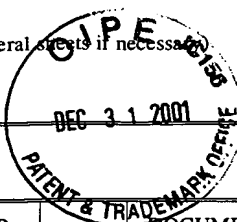


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	APPLICANT Min Lu and Hong Ji	
	FILING DATE June 8, 2001	GROUP ART UNIT Unknown 1648



U.S. PATENT DOCUMENTS

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	AA					
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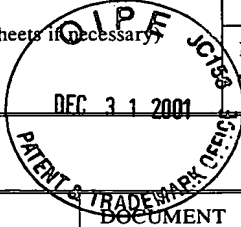
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AK	Lu, M., et al. (1995) "A trimeric structural domain of the HIV-1 transmembrane glycoprotein," <i>Nature Structural Biology</i> , Vol. 12:1075-1082
AL	Blacklow, S.C., et al. (1995) "A Trimeric Subdomain of the Simian Immunodeficiency Virus Envelope Glycoprotein," <i>Biochemistry</i> , Vol. 34(46):14955-14962
AM	Lu, M., et al. (1997) "A Trimeric Structural Subdomain of the HIV-1 Transmembrane Glycoprotein," <i>Journal of Biomolecular Structure &amp; Dynamics</i> , Vol. 15(3):465-471
AN	Chen, C.H., et al. (1995) "A Molecular Clasp in the Human Immunodeficiency Virus (HIV) Type 1 TM Protein Determines the Anti-HIV Activity of gp41 Derivatives: Implication for Viral Fusion," <i>Journal of Virology</i> , 3771-3777
AO	Tan, K., et al. (1997) "Atomic Structure of a thermostable subdomain of HIV-1 gp41," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94:12303-12308

EXAMINER	DATE CONSIDERED 05/03/03
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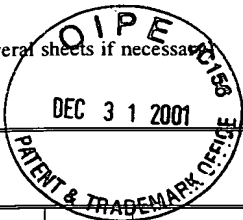
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	BJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	BK	Salzwedel, K., et al. (1999) "A Conserved Tryptophan-Rich Motif in the Membrane-Proximal Region of the Human Immunodeficiency Virus Type 1 gp41 Ectodomain Is Important for Env-Mediated Fusion and Virus Infectivity," <i>Journal of Virology</i> , Vol. 73(3):2469-2480
	BL	Jiang, et al. (1993) "HIV-1 inhibition by a peptide" and "Nested fullerene-like structures," <i>Scientific Correspondence</i> , Vol. 365:113
	BM	Malashkevich, V.N., et al. (1998) "Crystal structure of the simian immunodeficiency virus (SIV) gp41 core: Conserved helical interactions underlie the broad inhibitory activity of gp41 peptides," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95:9134-9139
	BN	Wild, C.T., et al. (1994) "Peptides corresponding to a predictive -helical domain of human immunodeficiency virus type 1 gp41 are potent inhibitors of virus infection," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91:9770-9774
	BO	Gallagher, W.R., et al. (1989) "A General Model for the Transmembrane Proteins of HIV and Other Retroviruses," <i>AIDS Research and Human Retroviruses</i> , Vol. 5(4):431-440

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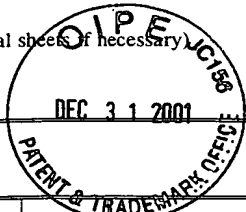
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	CI						
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	CK	Chambers, P., et al. (1990) "Heptad repeat sequences are located adjacent to hydrophobic regions in several types of virus fusion glycoproteins," <i>Journal of General Virology</i> , 71:3075-3080
	CL	Wild, C., et al. (1995) "The Inhibitory Activity of an HIV Type 1 Peptide Correlates with Its Ability to Interact with a Leucine Zipper Structure," <i>AIDS Research and Human Retroviruses</i> , Volume 11(3):323-325
	CM	Delwart, E.L., et al. (1990) "Retroviral Envelope Glycoproteins Contain a 'Leucine Zipper'-like Repeat," <i>AIDS Research and Human Retroviruses</i> , Vol. 6(6):703-706
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## FOREIGN PATENT DOCUMENTS

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	DJ					

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

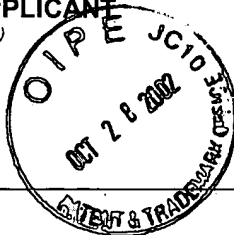
	DK	Caffrey, et al. (1998) "Three-dimensional solution structure of the 44 kDa ectodomain of SIV gp41," <i>The EMBO Journal</i> , Vol. 17(16):4572-4584
	DL	Yang, X., et al. (2000) "Modifications That Stabilize Human Immunodeficiency Virus Envelope Glycoprotein Trimers in Solution," <i>Journal of Virology</i> , Vol. 74(10):4746-4754
	DM	Yang, Z.N., et al. (1999) "The Crystal Structure of the SIV gp41 Ectodomain at 1.47 A Resolution," <i>Journal of Structural Biology</i> , 126:131-144
	DN	Weissenhorn, W., et al. (1997) "Atomic structure of the ectodomain from HIV-1 gp41," <i>Nature</i> , Vol. 387(22):426-430
	DO	
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Complete if Known

Application Number 09/877606

Filing Date June 8, 2001

First Named Inventor Unknown

Group Art Unit Unknown 1648

Examiner Name Unknown

Sheet 1 of 2

Attorney Docket No: 01676.002US1

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Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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↓	US-5,654,195	08/05/1997	Sodroski, Joseph, et al	435	320.1	07/01/1994
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	WO-99/16883	04/08/1999	Sodroski, Joseph G, et al			

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
2		BLACKLOW, STEPHEN.C., et al., "A Trimeric Subdomain of the Simian Immunodeficiency Virus Envelope Glycoprotein", <u>Biochemistry</u> , (1995), 14955-14962	
↓		CHAN, DAVID.C., et al., "Core Structure of gp41 from the HIV Envelope Glycoprotein", <u>Cell</u> , (04/1997), 263-273	
		CHAN, DAVID.C., et al., "Evidence that a prominent cavity in the coiled coil of HIV type 1 gp41 is an attractive drug target", <u>Proceedings of the National Academy of Sciences of the United States of America</u> , (12/1998), 15613-15617	
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		KILBY, J.M., et al., "Potent suppression of HIV-1 replication in humans by T-20, a peptide inhibitor of gp41-mediated virus entry", <u>Nat Med</u> , (11/1998), Abstract	
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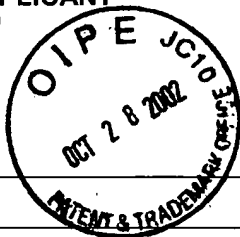
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STATEMENT BY APPLICANT**

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Complete if Known

Application Number 09/877606

Filing Date June 8, 2001

First Named Inventor Unknown

Group Art Unit Unknown 16-18

Examiner Name Unknown

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		LU, MIN., et al. , "A trimeric structural domain of the HIV-1 transmembrane glycoprotein", <u>Nature Structural Biology</u> , (12/1995), 1075-1082	
		RABENSTEIN, MARK., et al. , "A Peptide from the Heptad Repeat of Human Immunodeficiency Virus gp41 Shows both Membrane Binding and Coiled Coil Formation", <u>Biochemistry</u> , (1995), 13390-13397	
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